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The MAILING DATE of this communication apples to the claims being allowable, PROSECUTION ON THE MERITS IS	Application No. 10/613,557 Examiner Robert H. Spitzer	Applicant(s) BEISSWENGER ET AL. Art Unit 1724
The MAILING DATE of this communication appeals claims being allowable, PROSECUTION ON THE MERITS IS	Examiner Robert H. Spitzer	Art Unit
The MAILING DATE of this communication appeals claims being allowable, PROSECUTION ON THE MERITS IS	Robert H. Spitzer	
All claims being allowable, PROSECUTION ON THE MERITS IS		1724
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nerewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate communication is sufficient in sufficiency.	this application. If not included nication will be mailed in due course. THIS
 This communication is responsive to <u>the Brief received on</u> 	14 November 2005 .	
2. Mathematical The Allowed claim(s) is/are 1-14 and 16-19.		
 3. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: 1. Certified copies of the priority documents have 	e been received.	
2. Certified copies of the priority documents have	• •	
3. Copies of the certified copies of the priority do	cuments have been received	in this national stage application from the
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	MENT of this application.	
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv 		
5. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.	
(a) including changes required by the Notice of Draftspers	son's Patent Drawing Review	(PTO-948) attached
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date	_•	
(b) ☐ including changes required by the attached Examiner Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the	1.84(c)) should be written on the the header according to 37 CFF	e drawings in the front (not the back) of R 1.121(d).
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT 		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. ☐ Notice of Info	ormal Patent Application (PTO-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)		mmary (PTO-413),
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/	Paper No./N	Mail Date Amendment/Comment
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. ⊠ Examiner's S	Statement of Reasons for Allowance
of Biological Material	9. 🔲 Other	Robert H. Spitzer Primary Examiner-AU 1724 November 28, 2005

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DETAILED ACTION

1. The following is an examiner's statement of reasons for allowance: the prior art references do not show a device for creating gas turbulence in at least one of the feed spaces of a hydrogen membrane separation device, wherein the feed spaces are defined as being disposed between every two membrane packs within a stack of membrane packs.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert H. Spitzer whose telephone number is (571) 272-1167. The examiner can normally be reached on Monday-Thursday from (5:30AM-4:00PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on (571) 272-1166. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Robert H. Spitzer Primary Examiner Art Unit 1724

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Havenber 28, 2005
